

**Flood Control Project Maintenance
Levee Inspections**

Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0005	Overall LMA Rating	Total LMA Miles						
City of Sacramento	A	3.67						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Trim / Thin Trees	0.03		0.03	0.82%				
Encroachments	0.02		0.02	0.54%	0.01			
<i>Supplemental</i>								
2017 USACE Erosion Survey, DRAFT	0.08		0.08	2.18%				
DWR UCIP Field Study					0.64			
<i>LMA Totals:</i>	0.13	0.00	0.13	3.54%	0.65	0.00	0.00	0.00
Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
NA0005	A	3.67						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Trim / Thin Trees	0.03		0.03	0.82%				
Encroachments	0.02		0.02	0.54%	0.01			
<i>Supplemental</i>								
2017 USACE Erosion Survey, DRAFT	0.08		0.08	2.18%				
DWR UCIP Field Study					0.64			
<i>Unit Totals:</i>	0.13	0.00	0.13	3.54%	0.65	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2018 Levee Inspection Results

City of Sacramento

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

City of Sacramento

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	3.67
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/20/2018 - 3/20/2018		9/21/2018 - 9/21/2018	
DWR Inspector	Zach Jojola		Luz Dial	
Accompanied By	Adam Strebel City of Sacramento		Adam Strebel City of Sacramento	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start		Rating **	A	Issue No.	20
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_NA0005_01_s_2013_20				
Comment Code					
Inspector Comment					
City of Sacramento has copies of the levee O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	22
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_NA0005_01_s_2013_22				
Comment Code					
Inspector Comment					
City of Sacramento maintains a stockpile of Flood Fight response material.					

No Photos

LM Start		Rating **	A	Issue No.	23
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_NA0005_01_s_2013_23				
Comment Code					
Inspector Comment					
City of Sacramento has a written response plan and has taken flood fight methods training.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.00	Rating **	M	Issue No.	87
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564778 °	38.564778 °
				-121.563064 °	-121.563064 °
DWR ID	24916				
Comment Code					
Inspector Comment					
FS_ID:38737					
DS_ID:24916					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: Storm drain manhole					
FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.06	Rating **	M	Issue No.	88	
LM End	0.06	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.589864 °	38.589864 °	
				-121.505128 °	-121.505128 °	
DWR ID	21559					
Comment Code						
Inspector Comment						
FS_ID:49955 DS_ID:21559 EP_NO: 14527 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana) 7/19/2016 Paddle marker missing from WS--owner will need to work with CVFPB to determine if paddle marker on WS is necessary. (DWR UCIP - omagana)3/22/2016 Need to contact owner to determine condition of crossing and last inspection date. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch steel gas line through levee (right bank), unable to confirm depth below the crown. Permit indicates the pipeline shall be buried with a minimum cover of 1 feet in the levee slopes and 2 feet through the levee crown. Line was directionally bored under the left bank levee and low water channel at a minimum cover of 44 feet and 21 feet, respectively. Paddle marker located approximately 150 feet from levee crown on landside (LS). (12.75-inch line authorized under Permit No. 14527, 1987 - Southern Pacific Pipelines, Inc.) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 7/19/2016						

LM Start	0.06	Rating **	M	Issue No.	88 (cont)
LM End	0.06	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_49955_33806.jpg



View of levee crown at crossing--sign visible on landward side near freeway underpass.

Photo 2 of 3 : UCIP_FA_2018_49955_33805.jpg



View of multiple markers indicating gas alignment.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.06	Rating **	M	Issue No.	88 (cont)	
LM End	0.06	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.589864 °	38.589864 °	
				-121.505128 °	-121.505128 °	
DWR ID	21559					
Comment Code						
Inspector Comment						
FS_ID:49955 DS_ID:21559 EP_NO: 14527 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana) 7/19/2016 Paddle marker missing from WS--owner will need to work with CVFPB to determine if paddle marker on WS is necessary. (DWR UCIP - omagana)3/22/2016 Need to contact owner to determine condition of crossing and last inspection date. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch steel gas line through levee (right bank), unable to confirm depth below the crown. Permit indicates the pipeline shall be buried with a minimum cover of 1 feet in the levee slopes and 2 feet through the levee crown. Line was directionally bored under the left bank levee and low water channel at a minimum cover of 44 feet and 21 feet, respectively. Paddle marker located approximately 150 feet from levee crown on landside (LS). (12.75-inch line authorized under Permit No. 14527, 1987 - Southern Pacific Pipelines, Inc.) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 7/19/2016						

Photo 3 of 3 : UCIP_FA_2018_49955_33807.jpg



Underground service alert (USA) markings indicate 12 inch crossing through levee.

LM Start	0.08	Rating **	C	Issue No.	79
LM End	0.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.589690 °	38.589690 °
				-121.505106 °	-121.505106 °
DWR ID	DWR_NA0005_01_s_2017_79				
Comment Code					
TR : Tree or limb					
Inspector Comment					
LMA removed tree limbs on waterside slope after the inspection.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.14	Rating **	M	Issue No.	89	
LM End	0.14	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.588768 °	38.588768 °	
				-121.504891 °	-121.504891 °	
DWR ID	24882					
Comment Code						
Inspector Comment						
FS_ID:41414 DS_ID:24882 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA engineer is investigating how to conduct inspection and defining levee toe. Crossing installed in the 1930s according to LMA engineer and not 1966.(DWR UCIP - O. Magana) 03/06/2013 Need to contact owner to determine status of crossing. No permit found during desk study review. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 42-inch water transmission main of unknown material through levee at unknown depth. Crossing installed in 1966. Crossing installed in the 1930s according to LMA engineer and not 1966. FS Date: 3/6/2013						

LM Start	0.14	Rating **	M	Issue No.	89 (cont)
LM End	0.14	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_41414_72622.jpg



View of levee crown and waterward side.

Photo 2 of 3 : UCIP_FA_2018_41414_72621.jpg



Underground Service Alert (USA) markings indicating 42 inch line through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.14	Rating **	M	Issue No.	89 (cont)	
LM End	0.14	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.588768 °	38.588768 °	
				-121.504891 °	-121.504891 °	
DWR ID	24882					
Comment Code						
Inspector Comment						
FS_ID:41414 DS_ID:24882 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA engineer is investigating how to conduct inspection and defining levee toe. Crossing installed in the 1930s according to LMA engineer and not 1966.(DWR UCIP - O. Magana) 03/06/2013 Need to contact owner to determine status of crossing. No permit found during desk study review. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 42-inch water transmission main of unknown material through levee at unknown depth. Crossing installed in 1966. Crossing installed in the 1930s according to LMA engineer and not 1966. FS Date: 3/6/2013						

Photo 3 of 3 : UCIP_FA_2018_41414_72620.jpg



View of alignment along levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.14	Rating **	M	Issue No.	90
LM End	0.14	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588738 °	38.588738 °
				-121.504891 °	-121.504891 °
DWR ID	24883				
Comment Code					
Inspector Comment					
FS_ID:41415 DS_ID:24883 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available regarding the fate of this crossing. (DWR UCIP – O. Magana) 03/06/2013 Need to contact owner to confirm alignment and status of crossings. No permit found during desk study review. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: ARV communication line and 3-inch steel communication line through levee at unknown depth below the levee crown. FS Date: 3/6/2013					

Photo 1 of 2 : UCIP_FA_2018_41415_72630.jpg



Underground Service Alert (USA) markers visible on levee crown.

LM Start	0.14	Rating **	M	Issue No.	90 (cont)
LM End	0.14	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_FA_2018_41415_72623.jpg



Overview of levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.15	Rating **	M	Issue No.	91
LM End	0.15	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.588636 °	38.588636 °	
			-121.504860 °	-121.504860 °	

DWR ID	24884
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Comment Code

Inspector Comment

FS_ID:52599
DS_ID:24884
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found

UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2012 and 2016 to determine the condition of the line and no issues were identified by PG&E for this line. PG&E is currently conducting a leak survey of this area as of August 2, 2017 since the last leak survey for this area was conducted in October 2012. Based on the supporting documentation provided by PG&E this crossing has been downgraded from Urgent to Non-Urgent, once PG&E provides results of the August 2, 2017 leak test this crossing can re-evaluated. No permit was provided by PG&E. (DWR UCIP - O. Magana)

07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and he can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP - O. Magana)

07/19/2016 same as previous inspection. Need to contact owner to determine status of crossing. Unable to confirm alignment or depth through the levee crown. (DWR UCIP - omagana)

10/17/2014 No markers found. Need to contact owner to determine status of crossing and to determine last inspection date. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 3-inch steel gas line though levee at unknown depth. Underground alert service (USA) markings indicate this line is a PG&E line (USA markings visible in 2013). In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell).

FS Date: 7/19/2016

Photo 1 of 3 : UCIP_FA_2018_52599_72627.jpg



View of levee crown and alignment of PG&E line visible by yellow paint markings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.15	Rating **	M	Issue No.	91 (cont)
LM End	0.15	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588636 °	38.588636 °
				-121.504860 °	-121.504860 °
DWR ID	24884				

Comment Code

Inspector Comment

FS_ID:52599

DS_ID:24884

EP_NO: N/A

Repair Type: Non-Urgent

Crossing Status: Indicator Found

UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2012 and 2016 to determine the condition of the line and no issues were identified by PG&E for this line. PG&E is currently conducting a leak survey of this area as of August 2, 2017 since the last leak survey for this area was conducted in October 2012. Based on the supporting documentation provided by PG&E this crossing has been downgraded from Urgent to Non-Urgent, once PG&E provides results of the August 2, 2017 leak test this crossing can re-evaluated. No permit was provided by PG&E. (DWR UCIP - O. Magana)

07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and he can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP - O. Magana)

07/19/2016 same as previous inspection. Need to contact owner to determine status of crossing. Unable to confirm alignment or depth through the levee crown. (DWR UCIP - omagana)10/17/2014 No markers found. Need to contact owner to determine status of crossing and to determine last inspection date. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 3-inch steel gas line though levee at unknown depth. Underground alert service (USA) markings indicate this line is a PG&E line (USA markings visible in 2013). In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell).

FS Date: 7/19/2016

Photo 2 of 3 : UCIP_FA_2018_52599_72626.jpg



Underground Service Alert (USA) markings of PG&E line through levee, Photo 1 of 2.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.15	Rating **	M	Issue No.	91 (cont)
LM End	0.15	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588636 °	38.588636 °
				-121.504860 °	-121.504860 °
DWR ID	24884				

Comment Code

Inspector Comment

FS_ID:52599
DS_ID:24884
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2012 and 2016 to determine the condition of the line and no issues were identified by PG&E for this line. PG&E is currently conducting a leak survey of this area as of August 2, 2017 since the last leak survey for this area was conducted in October 2012. Based on the supporting documentation provided by PG&E this crossing has been downgraded from Urgent to Non-Urgent, once PG&E provides results of the August 2, 2017 leak test this crossing can re-evaluated. No permit was provided by PG&E. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and he can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP - O. Magana)
07/19/2016 same as previous inspection. Need to contact owner to determine status of crossing. Unable to confirm alignment or depth through the levee crown. (DWR UCIP - omagana)10/17/2014 No markers found. Need to contact owner to determine status of crossing and to determine last inspection date. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 3-inch steel gas line though levee at unknown depth. Underground alert service (USA) markings indicate this line is a PG&E line (USA markings visible in 2013). In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell).
FS Date: 7/19/2016

Photo 3 of 3 : UCIP_FA_2018_52599_72625.jpg



Underground Service Alert (USA) markings of PG&E line through levee,
Photo 2 of 2.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.16	Rating **	M	Issue No.	92	
LM End	0.16	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.588500 °	38.588500 °	
				-121.504856 °	-121.504856 °	
DWR ID	24885					
Comment Code						
Inspector Comment						
FS_ID:41416 DS_ID:24885 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Crossing belongs to AT&T. AT&T contact is Astrid Willard Manager Public Works Director of State R/R and can be reached at 916-971-3961 or by email at astrid.willard@att.com. (DWR UCIP – O. Magana) 03/06/2013 No markers visible as per Title 23. Recommend having utility owner coordinate with Central Valley Flood Protection Board (CVFPB). (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: ATT communication line through levee at unknown depth. FS Date: 3/6/2013						

LM Start	0.16	Rating **	M	Issue No.	92 (cont)
LM End	0.16	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_FA_2018_41416_72629.jpg



Alignment of communication line through levee, Photo 1 of 2.

Photo 2 of 2 : UCIP_FA_2018_41416_72628.jpg



Alignment of communication line through levee, Photo 2 of 2.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.17	Rating **	M	Issue No.	93
LM End	0.17	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588427 °	38.588427 °
				-121.504859 °	-121.504859 °
DWR ID	24886				
Comment Code					
Inspector Comment					
FS_ID:38707					
DS_ID:24886					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: ATT communication line through levee.					
FS Date: 3/6/2013					

No Photos

LM Start	0.22	Rating **	M	Issue No.	94
LM End	0.22	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587615 °	38.587615 °
				-121.505034 °	-121.505034 °
DWR ID	24887				
Comment Code					
Inspector Comment					
FS_ID:40848					
DS_ID:24887					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area					
Drainage representatives: Mick Smith and Mike Gonsalves. Pipe is					
installed above crown. (DWR UCIP – O. Magana)					
03/06/2013 Pump station appears non-functional. Owner will need to					
coordinate with DWR-Inspector and CVFPB to determine if crossing					
meets Title 23 requirements. (DWR UCIP - O. Magana)					
FIELD_STRUCT_DESC: 12-inch steel drainage pipe connected to 10					
inch pipe through levee at unknown depth.					
FS Date: 3/6/2013					

Photo 1 of 3 : UCIP_FA_2018_40848_72633.jpg



Pipe through levee visible next to building located on levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.22	Rating **	M	Issue No.	94 (cont)	
LM End	0.22	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.587615 °		38.587615 °
				-121.505034 °		-121.505034 °
DWR ID	24887					
Comment Code						
Inspector Comment						
FS_ID:40848						
DS_ID:24887						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area						
Drainage representatives: Mick Smith and Mike Gonsalves. Pipe is						
installed above crown. (DWR UCIP – O. Magana)						
03/06/2013 Pump station appears non-functional. Owner will need to						
coordinate with DWR-Inspector and CVFPB to determine if crossing						
meets Title 23 requirements. (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: 12-inch steel drainage pipe connected to 10						
inch pipe through levee at unknown depth.						
FS Date: 3/6/2013						

LM Start	0.22	Rating **	M	Issue No.	94 (cont)
LM End	0.22	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_40848_72632.jpg



View of levee crown at crossing.

Photo 3 of 3 : UCIP_FA_2018_40848_72631.jpg



View of building and additional concrete structures located on levee crown at waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.42	Rating **	M	Issue No.	95
LM End	0.42	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.584794 °	38.584794 °	
			-121.505548 °	-121.505548 °	

DWR ID	24889
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Comment Code

Inspector Comment

FS_ID:41247
DS_ID:24889
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 10/31/2013, PACP Sewer Report was provided. PACP report is missing rating evaluation. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and find out when the City is planning the next internal inspection for this pipe. (DWR UCIP – O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available through the LMA. (DWR UCIP – O. Magana)
03/06/2013 Unable to confirm if crossing exists. Approximate alignment provided by the City of Sacramento. Need to confirm alignment and status of crossing.
FIELD_STRUCT_DESC: 10-inch corrugated metal drainage pipe through levee at an unknown depth. Record was obtained from the City of Sacramento's kml file with approximate utility alignment.
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_FA_2018_41247_72740.jpg



Alignment provided by City of Sacramento of 10 inch line--not found during field inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.42	Rating **	M	Issue No.	96
LM End	0.42	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584762 °	38.584762 °
				-121.505556 °	-121.505556 °
DWR ID	21561				
Comment Code					
Inspector Comment					
FS_ID:20384 DS_ID:21561 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Internal inspection expected in August 2016 by the City of Sacramento. (DWR UCIP – O. Magana) 03/06/2013 Only manhole was visible; need to determine condition of crossing; Will need to follow up with the City of Sacramento. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 18-inch drainage pipe of unknown material through the levee, 5 feet below the levee crown. Concrete surge box on the waterside (WS) of the retaining wall. Concrete box spillway. [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/6/2013					

LM Start	0.42	Rating **	M	Issue No.	96 (cont)
LM End	0.42	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_20384_34410.jpg



View of levee crown downtown Sacramento--wide crown with railroad.

Photo 2 of 3 : UCIP_FA_2018_20384_34409.jpg



View of manhole located at the edge of waterward.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.42	Rating **	M	Issue No.	96 (cont)	
LM End	0.42	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.584762 °	38.584762 °	
				-121.505556 °	-121.505556 °	
DWR ID	21561					
Comment Code						
Inspector Comment						
FS_ID:20384 DS_ID:21561 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Internal inspection expected in August 2016 by the City of Sacramento. (DWR UCIP – O. Magana) 03/06/2013 Only manhole was visible; need to determine condition of crossing; Will need to follow up with the City of Sacramento. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 18-inch drainage pipe of unknown material through the levee, 5 feet below the levee crown. Concrete surge box on the waterside (WS) of the retaining wall. Concrete box spillway. [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/6/2013						

Photo 3 of 3 : UCIP_FA_2018_20384_34408.jpg



View of landward side close to railroad museum.

LM Start	0.42	Rating **	M	Issue No.	97	
LM End	0.42	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.584745 °	38.584745 °	
				-121.505460 °	-121.505460 °	
DWR ID	24892					
Comment Code						
Inspector Comment						
FS_ID:38713 DS_ID:24892 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: unknown FS Date: 3/6/2013						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.42	Rating **	M	Issue No.	98	
LM End	0.42	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.584739 °	38.584739 °	
				-121.505483 °	-121.505483 °	
DWR ID	24891					
Comment Code						
Inspector Comment						
FS_ID:38712						
DS_ID:24891						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments:						
FIELD_STRUCT_DESC: unknown crossing						
FS Date: 3/6/2013						

No Photos

LM Start	0.42	Rating **	M	Issue No.	99	
LM End	0.42	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.584767 °	38.584767 °	
				-121.505700 °	-121.505700 °	
DWR ID	24890					
Comment Code						
Inspector Comment						
FS_ID:41417						
DS_ID:24890						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need additional information about crossing--depth of pipe, owner, status, and permit.						
FIELD_STRUCT_DESC: Submarine cable from the bed of the Sacramento River through and along the natural west levee of the river at a depth of 2 feet to a point in the town of Broderick, opposite a point approximately 434 feet downstream from the "I" Street Bridge, Sacramento. (submarine cable across river approximately 434 feet downstream from the "I" Street Bridge authorized under Permit No. 881, 1942 - The Pacific Telephone & Telegraph Company [PT&T]; installation and maintenance of an armored submarine cable in, and under and across river authorized under Permit No. 1628, 1952 - PT&T)						
FS Date: 3/6/2013						

Photo 1 of 3 : UCIP_FA_2018_41417_72642.jpg



PacBell manhole located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.42	Rating **	M	Issue No.	99 (cont)	
LM End	0.42	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.584767°	38.584767°	
				-121.505700°	-121.505700°	
DWR ID	24890					
Comment Code						
Inspector Comment						
FS_ID:41417						
DS_ID:24890						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need additional information about crossing--depth of pipe, owner, status, and permit.						
FIELD_STRUCT_DESC: Submarine cable from the bed of the Sacramento River through and along the natural west levee of the river at a depth of 2 feet to a point in the town of Broderick, opposite a point approximately 434 feet downstream from the "I" Street Bridge, Sacramento. (submarine cable across river approximately 434 feet downstream from the "I" Street Bridge authorized under Permit No. 881, 1942 - The Pacific Telephone & Telegraph Company [PT&T]; installation and maintenance of an armored submarine cable in, and under and across river authorized under Permit No. 1628, 1952 - PT&T)						
FS Date: 3/6/2013						

LM Start	0.42	Rating **	M	Issue No.	99 (cont)
LM End	0.42	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_41417_72641.jpg



Manholes located along levee--waterward side.

Photo 3 of 3 : UCIP_FA_2018_41417_72640.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

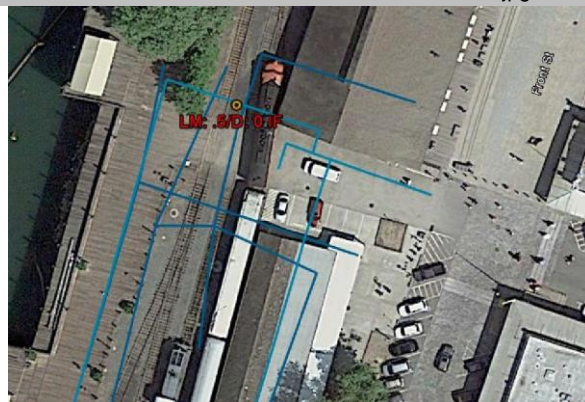
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.49	Rating **	M	Issue No.	100
LM End	0.49	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583853 °	38.583853 °
				-121.506061 °	-121.506061 °
DWR ID	24893				
Comment Code					
Inspector Comment					
FS_ID:38715					
DS_ID:24893					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: unknown					
FS Date: 3/6/2013					

No Photos

LM Start	0.50	Rating **	M	Issue No.	101	
LM End	0.50	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.583693 °	38.583693 °	
				-121.505909 °	-121.505909 °	
DWR ID	24894					
Comment Code						
Inspector Comment						
FS_ID:41418						
DS_ID:24894						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need to confirm status of crossing and alignment through levee. Unable to find permit during review.						
FIELD_STRUCT_DESC: 8-inch drainage pipe of unknown material through levee at unknown depth below the levee crown and along waterside (WS) for about 800 feet. Crosses levee again at 38.581544, -121.506688.						
FS Date: 3/6/2013						

Photo 1 of 1 : UCIP_FA_2018_41418_72741.jpg



Aproximate alignment provided by City of Sacramento -- unable to confirm if crossing is active.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.57	Rating **	M	Issue No.	102	
LM End	0.57	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.582700 °	38.582700 °	
				-121.506266 °	-121.506266 °	
DWR ID	24895					
Comment Code						
Inspector Comment						
FS_ID:41419 DS_ID:24895 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 10/28/2013, PACP Sewer Report was provided. PACP report is missing rating evaluation. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and find out when the City is planning the next internal inspection for this pipe. (DWR UCIP – O. Magana) 03/06/2013 Need to confirm if crossing is still present. No signs visible during site visit. No photos available. FIELD_STRUCT_DESC: 10-inch vitrified clay drainage pipe through levee at an unknown depth. Record was obtained from the City of Sacramento's kml file with approximate utility alignment. FS Date: 3/6/2013						

Photo 1 of 1 : UCIP_FA_2018_41419_72742.jpg



Approximate alignment provided by the City of Sacramento--unable to confirm crossing in field.

LM Start	0.57	Rating **	M	Issue No.	103	
LM End	0.57	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.582689 °	38.582689 °	
				-121.506419 °	-121.506419 °	
DWR ID	24896					
Comment Code						
Inspector Comment						
FS_ID:41260						
DS_ID:24896						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to determine if crossing is active--need to contact owner to determine status and additional details of crossing.						
FIELD_STRUCT_DESC: Conduit group through floodwall.						
FS Date: 3/6/2013						

Photo 1 of 1 : UCIP_FA_2018_41260_72743.jpg



Conduit through floodwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.59	Rating **	M	Issue No.	104	
LM End	0.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.582482 °		38.582482 °
				-121.506346 °		-121.506346 °
DWR ID	24897					
Comment Code						
Inspector Comment						
FS_ID:41263						
DS_ID:24897						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need to contact owner. Need to determine permit issued for crossing.						
FIELD_STRUCT_DESC: 8 -10 inch pipe through levee.						
FS Date: 3/6/2013						

Photo 1 of 1 : UCIP_FA_2018_41263_72744.jpg



Pipe through floodwall.

LM Start	0.61	Rating **	M	Issue No.	105
LM End	0.61	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582167°	38.582167°
				-121.506537°	-121.506537°
DWR ID	24898				
Comment Code					
Inspector Comment					
FS_ID:41438					
DS_ID:24898					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to determine if crossing is active--need to contact owner to determine status and additional details of crossing.					
FIELD_STRUCT_DESC: Sewer line through levee.					
FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_FA_2018_41438_72745.jpg



View of crossing visible from waterward side looking at floodwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.64	Rating **	M	Issue No.	106
LM End	0.64	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581695 °	38.581695 °
				-121.506635 °	-121.506635 °
DWR ID	24899				
Comment Code					
Inspector Comment					
FS_ID:41420					
DS_ID:24899					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine permit issued for crossing.					
FIELD_STRUCT_DESC: Group of conduits. Start 38.58169451, -121.5066352 End 38.581555, -121.506688					
FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_FA_2018_41420_72746.jpg



View of conduits through floodwall visible from waterward side.

LM Start	0.67	Rating **	M	Issue No.	107
LM End	0.67	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581332 °	38.581332 °
				-121.506853 °	-121.506853 °
DWR ID	24900				
Comment Code					
Inspector Comment					
FS_ID:41266					
DS_ID:24900					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Line does not cross levee--delete record. (DWR UCIP – O. Magana)					
03/06/2013 Unable to confirm if crossing goes through levee. Need to contact owner to determine alignment for crossing. (DWR UCIP - O. Magana)					
FIELD_STRUCT_DESC: *DELETE* Fire hydrant visible on levee crown located in downtown Sacramento.					
FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_FA_2018_41266_72747.jpg



Fire hydrant visible on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.68	Rating **	M	Issue No.	108	
LM End	0.68	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.581197°	38.581197°	
				-121.506819°	-121.506819°	
DWR ID	24901					
Comment Code						
Inspector Comment						
FS_ID:38722						
DS_ID:24901						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments:						
FIELD_STRUCT_DESC: water line penetration						
FS Date: 3/6/2013						

No Photos

LM Start	0.68	Rating **	M	Issue No.	109	
LM End	0.68	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.581131	°	38.581131
				-121.506819	°	-121.506819
DWR ID	24902					
Comment Code						
Inspector Comment						
FS_ID:38723 DS_ID:24902 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: line penetration FS Date: 3/6/2013						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.71	Rating **	M	Issue No.	110
LM End	0.71	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580743 °	38.580743 °
				-121.506986 °	-121.506986 °
DWR ID	24903				
Comment Code					
Inspector Comment					
FS_ID:38766 DS_ID:24903 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status of crossing. FIELD_STRUCT_DESC: Crossing visible through floodwall visible on waterward side. FS Date: 3/6/2013					

No Photos

LM Start	0.73	Rating **	M	Issue No.	111	
LM End	0.73	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.580472 °	38.580472 °	
				-121.507147 °	-121.507147 °	
DWR ID	24904					
Comment Code						
Inspector Comment						
FS_ID:38726 DS_ID:24904 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: electrical conduit box FS Date: 3/6/2013						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.74	Rating **	M	Issue No.	112	
LM End	0.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.580413 °		38.580413 °
				-121.507166 °		-121.507166 °
DWR ID	24905					
Comment Code						
Inspector Comment						
FS_ID:41421 DS_ID:24905 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. This crossing appears to be a Caltrans pipe and is part of the permit for the Bridge. Pipe might not go through levee. Need to pull Bridge permit to review As-built drawings. (DWR UCIP – O. Magana) 03/06/2013 Need to contact owner to determine status and permit number for crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Corrugated metal drainage pipe through floodwall visible on waterside (WS). FS Date: 3/6/2013						

Photo 1 of 3 : UCIP_FA_2018_41421_72750.jpg



View of waterward side.

LM Start	0.74	Rating **	M	Issue No.	112 (cont)
LM End	0.74	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_41421_72749.jpg



Pipe visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

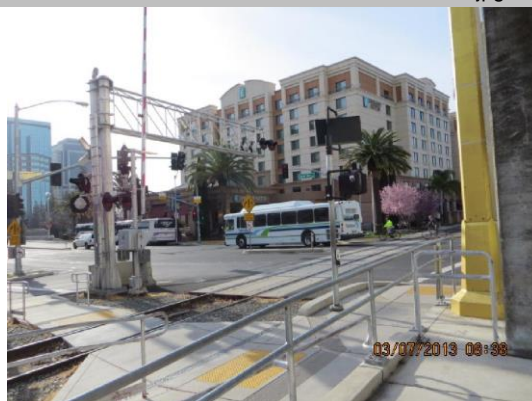
Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.74	Rating **	M	Issue No.	112 (cont)	
LM End	0.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.580413 °		38.580413 °
				-121.507166 °		-121.507166 °
DWR ID	24905					
Comment Code						
Inspector Comment						
FS_ID:41421						
DS_ID:24905						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area						
Drainage representatives: Mick Smith and Mike Gonsalves. This						
crossing appears to be a Caltrans pipe and is part of the permit for the						
Bridge. Pipe might not go through levee. Need to pull Bridge permit to						
review As-built drawings. (DWR UCIP – O. Magana)						
03/06/2013 Need to contact owner to determine status and permit						
number for crossing. (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: Corrugated metal drainage pipe through						
floodwall visible on waterside (WS).						
FS Date: 3/6/2013						

Photo 3 of 3 : UCIP_FA_2018_41421_72748.jpg



View of general area immediately downstream from crossing.

LM Start	0.79	Rating **	M	Issue No.	113
LM End	0.79	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579661 °	38.579661 °
				-121.507480 °	-121.507480 °
DWR ID	24906				
Comment Code					
Inspector Comment					
FS_ID:38728					
DS_ID:24906					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 3 inch conduit					
FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.79	Rating **	M	Issue No.	114	
LM End	0.79	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.579598°	38.579598°	
				-121.507368°	-121.507368°	
DWR ID	24907					
Comment Code						
Inspector Comment						
FS_ID:38729						
DS_ID:24907						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments:						
FIELD_STRUCT_DESC: backflow line						
FS Date: 3/6/2013						

No Photos

LM Start	0.81	Rating **	M	Issue No.	115	
LM End	0.81	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.579353 °		38.579353 °
				-121.507560 °		-121.507560 °
DWR ID	24908					
Comment Code						
Inspector Comment						
FS_ID:41422						
DS_ID:24908						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area						
Drainage representatives: Mick Smith and Mike Gonsalves. No						
Additional information was made available through the LMA. (DWR						
UCIP – O. Magana)						
03/06/2013 Need to contact owner to determine status, purpose for						
lines, and permit number. (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: Cluster of conduits through floodwall visible						
from waterside (WS).						
FS Date: 3/6/2013						

Photo 1 of 3 : UCIP_FA_2018_41422_72754.jpg



View of levee just downstream from crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.81	Rating **	M	Issue No.	115 (cont)	
LM End	0.81	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.579353 °		38.579353 °
				-121.507560 °		-121.507560 °
DWR ID	24908					
Comment Code						
Inspector Comment						
FS_ID:41422						
DS_ID:24908						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area						
Drainage representatives: Mick Smith and Mike Gonsalves. No						
Additional information was made available through the LMA. (DWR						
UCIP – O. Magana)						
03/06/2013 Need to contact owner to determine status, purpose for						
lines, and permit number. (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: Cluster of conduits through floodwall visible						
from waterside (WS).						
FS Date: 3/6/2013						

Photo 2 of 3 : UCIP_FA_2018_41422_72753.jpg



Conduits through floodwayll.

LM Start	0.81	Rating **	M	Issue No.	115 (cont)
LM End	0.81	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_41422_72752.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.84	Rating **	M	Issue No.	83
LM End	0.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.578955 °	38.578955 °
				-121.507703 °	-121.507703 °
DWR ID	DWR_NA0005_01_f_2018_83				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Log next to floodwall should be removed.					

Photo 1 of 1 : FA_2018_NA0005_251_83_20180927_00113.jpg



Tree debris against floodwall. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.84	Rating **	M	Issue No.	116
LM End	0.84	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.578906 °	38.578906 °	
			-121.507750 °	-121.507750 °	
DWR ID	21562				

Comment Code

Inspector Comment

FS_ID:52601
DS_ID:21562
EP_NO: 5695
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/05/2018 Received reply from Joseph C. Estepa regarding status of "O St. Outfall". The maintenance project to remove and replace the headwall and flapper gate (not the pipe) was pushed out due to additional time and resources required by Caltrans' Environmental Unit to complete the Environmental Document. The project is scheduled to be in Construction on 2022-2023. Caltrans has contacted the CVFPB and met with Mr. Sungho Lee on June 7, 2017 to discuss the scope of the project. For program and project schedule updates Caltrans' contact is Mr. Aloysius Pelly at 530-741-5197. Need to contact Mr. Brian Korte with Caltrans' District Culvert Inspection Coordinator, at 530-741-5377, to request current maintenance records to determine condition of internal pipe. (DWR UCIP – O. Magana)
03/02/2018 Spoke with Mike Gonsalves, North Area Drainage Supervisor, and he said that Caltrans is still planning on replacing the pipe this year. Need to contact Joseph C. Estepa with Caltrans to determine status of pipe replacement project and determine if the CVFPB will issue a new permit. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Mike Gonsalves mentioned that inspection completed in 2016 by Caltrans revealed structure needed some repairs. Caltrans is working at replacing/repairing pipe by 2018. (DWR UCIP – O. Magana)
FIELD_STRUCT_DESC: [O Street Outfall] 30-inch concrete encased drainage pipe through the levee, 6.2 feet below the crown. Gate valves and siphon breaker in concrete box in the waterside (WS) shoulder. Concrete headwall on the WS. Pump on the landside (LS). Ramp on LS "O" Street. (30-inch pipe authorized under Permit No. 5695-A, 1970 - State of California, Department of Public Works Division of Highways [Caltrans]) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 1 of 3 : UCIP_FA_2018_52601_34414.jpg



View of landward side--wide levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.84	Rating **	M	Issue No.	116 (cont)
LM End	0.84	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.578906 °	38.578906 °
				-121.507750 °	-121.507750 °
DWR ID	21562				

Comment Code

Inspector Comment

FS_ID:52601
DS_ID:21562
EP_NO: 5695
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/05/2018 Received reply from Joseph C. Estepa regarding status of "O St. Outfall". The maintenance project to remove and replace the headwall and flapper gate (not the pipe) was pushed out due to additional time and resources required by Caltrans' Environmental Unit to complete the Environmental Document. The project is scheduled to be in Construction on 2022-2023. Caltrans has contacted the CVFPB and met with Mr. Sungho Lee on June 7, 2017 to discuss the scope of the project. For program and project schedule updates Caltrans' contact is Mr. Aloysius Pelly at 530-741-5197. Need to contact Mr. Brian Korte with Caltrans' District Culvert Inspection Coordinator, at 530-741-5377, to request current maintenance records to determine condition of internal pipe. (DWR UCIP – O. Magana)
03/02/2018 Spoke with Mike Gonsalves, North Area Drainage Supervisor, and he said that Caltrans is still planning on replacing the pipe this year. Need to contact Joseph C. Estepa with Caltrans to determine status of pipe replacement project and determine if the CVFPB will issue a new permit. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Mike Gonsalves mentioned that inspection completed in 2016 by Caltrans revealed structure needed some repairs. Caltrans is working at replacing/repairing pipe by 2018. (DWR UCIP – O. Magana)
FIELD_STRUCT_DESC: [O Street Outfall] 30-inch concrete encased drainage pipe through the levee, 6.2 feet below the crown. Gate valves and siphon breaker in concrete box in the waterside (WS) shoulder. Concrete headwall on the WS. Pump on the landside (LS). Ramp on LS "O" Street. (30-inch pipe authorized under Permit No. 5695-A, 1970 - State of California, Department of Public Works Division of Highways [Caltrans]) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 2 of 3 : UCIP_FA_2018_52601_34413.jpg



Valve box located along walkway on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	0.84	Rating **	M	Issue No.	116 (cont)
LM End	0.84	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.578906 °	38.578906 °
				-121.507750 °	-121.507750 °
DWR ID	21562				

Comment Code

Inspector Comment

FS_ID:52601
DS_ID:21562
EP_NO: 5695
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/05/2018 Received reply from Joseph C. Estepa regarding status of "O St. Outfall". The maintenance project to remove and replace the headwall and flapper gate (not the pipe) was pushed out due to additional time and resources required by Caltrans' Environmental Unit to complete the Environmental Document. The project is scheduled to be in Construction on 2022-2023. Caltrans has contacted the CVFPB and met with Mr. Sungho Lee on June 7, 2017 to discuss the scope of the project. For program and project schedule updates Caltrans' contact is Mr. Aloysius Pelly at 530-741-5197. Need to contact Mr. Brian Korte with Caltrans' District Culvert Inspection Coordinator, at 530-741-5377, to request current maintenance records to determine condition of internal pipe. (DWR UCIP – O. Magana)
03/02/2018 Spoke with Mike Gonsalves, North Area Drainage Supervisor, and he said that Caltrans is still planning on replacing the pipe this year. Need to contact Joseph C. Estepa with Caltrans to determine status of pipe replacement project and determine if the CVFPB will issue a new permit. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Mike Gonsalves mentioned that inspection completed in 2016 by Caltrans revealed structure needed some repairs. Caltrans is working at replacing/repairing pipe by 2018. (DWR UCIP – O. Magana)
FIELD_STRUCT_DESC: [O Street Outfall] 30-inch concrete encased drainage pipe through the levee, 6.2 feet below the crown. Gate valves and siphon breaker in concrete box in the waterside (WS) shoulder. Concrete headwall on the WS. Pump on the landside (LS). Ramp on LS "O" Street. (30-inch pipe authorized under Permit No. 5695-A, 1970 - State of California, Department of Public Works Division of Highways [Caltrans]) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 3 of 3 : UCIP_FA_2018_52601_34412.jpg



View of pipe crossing through floodwall--waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.24	Rating **	M	Issue No.	117							
LM End	1.24	Issue Type +	En	Location *								
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	DWR UCIP Field Study		38.573901 °	38.573901 °								
			-121.511025 °	-121.511025 °								
DWR ID	21565											
Comment Code												
Inspector Comment												
FS_ID:41425 DS_ID:21565 EP_NO: 5140 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe was abandoned in February 2016. Pipe was slurry filled, cut on the LS, and capped. Pipe was abandoned, see Permit No. 5140 records, as part of the Central Plant Renovation Project #113072 Outfall and Pipeline Abandonment at the Ranney Well Site Letter of Authorization (2015). (DWR UCIP – O. Magana) 03/06/2013 Need to determine more details pertaining to crossing, coordinate with City of Sacramento. Is crossing active? (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* 30-inch reinforced concrete condensing water pipe sleeved through 40-inch diameter pipe through the levee, 5 feet below the levee crown. Annular space between 30-inch pipe and 40-inch pipe grouted. Anchor blocks on both ends, concrete pipes under pads over pipe under railroad. Cap on the waterside (WS) end. A 1.5-foot thick by 8-foot high by 8-foot wide reinforced concrete headwall supported on a 2-foot thick by 5.5-foot wide by 12-foot long concrete footing. An 8-foot high by 64-foot wide apron constructed around the waterside (WS) end of the pipe at the WS shoulder of the levee. 18-inch temporary diameter welded steel pipe sleeved through existing 30 inch used to convey water from construction site. (30-inch pipe authorized under Permit No. 5140, 1966 - State of California- Department of General Services, abandonment of 30-inch pipe request as part of the Central Plant Renovation Project #113072 Outfall and Pipeline Abandonment at the Ranney Well Site Letter of Authorization (2015); 18-inch pipe sleeved through existing 30-inch pipe authorized under Permit No. 5745, 1967 - Ranney Method Western Corporation) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/6/2013												

Photo 1 of 3 : UCIP_FA_2018_41425_34145.jpg



View of railroad and bike path located on levee crown--wide levee.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.24	Rating **	M	Issue No.	117 (cont)	
LM End	1.24	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.573901 °	38.573901 °	
				-121.511025 °	-121.511025 °	
DWR ID	21565					
Comment Code						
Inspector Comment						
FS_ID:41425 DS_ID:21565 EP_NO: 5140 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe was abandoned in February 2016. Pipe was slurry filled, cut on the LS, and capped. Pipe was abandoned, see Permit No. 5140 records, as part of the Central Plant Renovation Project #113072 Outfall and Pipeline Abandonment at the Ranney Well Site Letter of Authorization (2015). (DWR UCIP – O. Magana) 03/06/2013 Need to determine more details pertaining to crossing, coordinate with City of Sacramento. Is crossing active? (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* 30-inch reinforced concrete condensing water pipe sleeved through 40-inch diameter pipe through the levee, 5 feet below the levee crown. Annular space between 30-inch pipe and 40-inch pipe grouted. Anchor blocks on both ends, concrete pipes under pads over pipe under railroad. Cap on the waterside (WS) end. A 1.5-foot thick by 8-foot high by 8-foot wide reinforced concrete headwall supported on a 2-foot thick by 5.5-foot wide by 12-foot long concrete footing. An 8-foot high by 64-foot wide apron constructed around the waterside (WS) end of the pipe at the WS shoulder of the levee. 18-inch temporary diameter welded steel pipe sleeved through existing 30 inch used to convey water from construction site. (30-inch pipe authorized under Permit No. 5140, 1966 - State of California-Department of General Services, abandonment of 30-inch pipe request as part of the Central Plant Renovation Project #113072 Outfall and Pipeline Abandonment at the Ranney Well Site Letter of Authorization (2015); 18-inch pipe sleeved through existing 30-inch pipe authorized under Permit No. 5745, 1967 - Ranney Method Western Corporation) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/6/2013						

Photo 2 of 3 : UCIP_FA_2018_41425_34144.jpg



Headwall with 1 crossing capped off.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.24	Rating **	M	Issue No.	117 (cont)	
LM End	1.24	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.573901 °	38.573901 °	
				-121.511025 °	-121.511025 °	
DWR ID	21565					
Comment Code						
Inspector Comment						
FS_ID:41425						
DS_ID:21565						
EP_NO: 5140						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe was abandoned in February 2016. Pipe was slurry filled, cut on the LS, and capped. Pipe was abandoned, see Permit No. 5140 records, as part of the Central Plant Renovation Project #113072 Outfall and Pipeline Abandonment at the Ranney Well Site Letter of Authorization (2015). (DWR UCIP – O. Magana)						
03/06/2013 Need to determine more details pertaining to crossing, coordinate with City of Sacramento. Is crossing active? (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: *ABANDONED* 30-inch reinforced concrete condensing water pipe sleeved through 40-inch diameter pipe through the levee, 5 feet below the levee crown. Annular space between 30-inch pipe and 40-inch pipe grouted. Anchor blocks on both ends, concrete pipes under pads over pipe under railroad. Cap on the waterside (WS) end. A 1.5-foot thick by 8-foot high by 8-foot wide reinforced concrete headwall supported on a 2-foot thick by 5.5-foot wide by 12-foot long concrete footing. An 8-foot high by 64-foot wide apron constructed around the waterside (WS) end of the pipe at the WS shoulder of the levee. 18-inch temporary diameter welded steel pipe sleeved through existing 30 inch used to convey water from construction site. (30-inch pipe authorized under Permit No. 5140, 1966 - State of California-Department of General Services, abandonment of 30-inch pipe request as part of the Central Plant Renovation Project #113072 Outfall and Pipeline Abandonment at the Ranney Well Site Letter of Authorization (2015); 18-inch pipe sleeved through existing 30-inch pipe authorized under Permit No. 5745, 1967 - Ranney Method Western Corporation)						
[Additional Reference(s): DWR Levee Log, 1993]						
FS Date: 3/6/2013						

Photo 3 of 3 : UCIP_FA_2018_41425_34143.jpg



Metal plate used to cap off pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

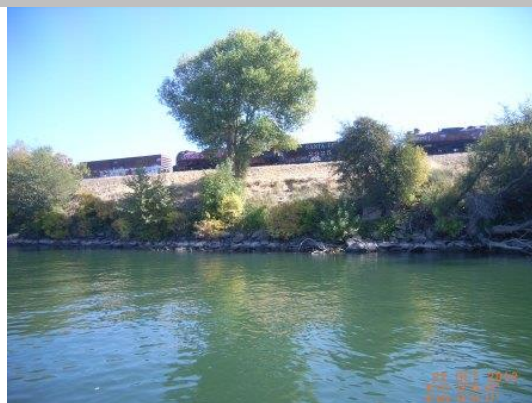
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.31	Rating **	M	Issue No.	74
LM End	1.31	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.573096 °	38.573096 °
				-121.511813 °	-121.511813 °
DWR ID	DWR_NA0005_01_f_2018_74				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.31	Rating **	M	Issue No.	72
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.573169 °	38.572277 °
				-121.511998 °	-121.513063 °
DWR ID	DWR_NA0005_01_f _ 2018_72				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 58.5 L					
Status: Eroding					
2017 Field Notes: Slump sections along mid bank. City requested PL 84-99 assistance.					
Site History: 2008 - Oversized levee, should be repaired under maintenance. 2009 - Shallow slumps at the mid bank. 2010 - Some minor erosion at the toe, likely from wave wash. Some new shallow slumps. 2011 - One new tree has fallen. 2013 - Erosion continues on the slope surface, site extended upstream.					

Photo 1 of 2 : FA_2018_NA0005_251_72_20181023_00116.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

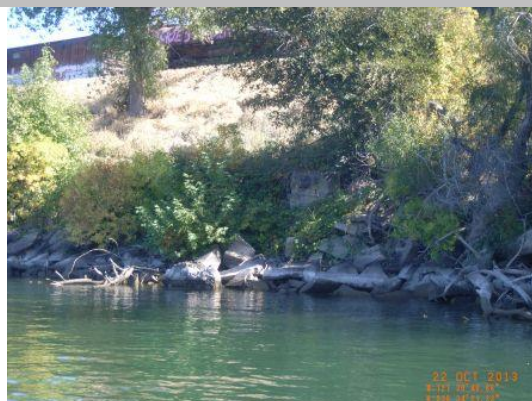
Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.31	Rating **	M	Issue No.	72 (cont)	
LM End	1.39	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 USACE Erosion Survey, DRAFT			38.573169 °	38.572277 °	
				-121.511998 °	-121.513063 °	
DWR ID	DWR_NA0005_01_f_2018_72					
Comment Code						
Inspector Comment						
2017 Site ID: SAC 58.5 L						
Status: Eroding						
2017 Field Notes: Slump sections along mid bank. City requested PL 84-99 assistance.						
Site History: 2008 - Oversized levee, should be repaired under maintenance. 2009 - Shallow slumps at the mid bank. 2010 - Some minor erosion at the toe, likely from wave wash. Some new shallow slumps. 2011 - One new tree has fallen. 2013 - Erosion continues on the slope surface, site extended upstream.						

Photo 2 of 2 : FA_2018_NA0005_251_72_20181023_00117.jpg



USACE 2013 Photo #2

LM Start	1.41	Rating **	M	Issue No.	118	
LM End	1.41	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.572019 °	38.572019 °	
				-121.513082 °	-121.513082 °	
DWR ID	21580					
Comment Code						
Inspector Comment						
FS_ID:49767 DS_ID:21580 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available regarding the fate of this crossing. (DWR UCIP – O. Magana) 03/06/2013 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [SUMP 1] 1 of 3: 6-inch steel water line through the levee, 8 feet below the crown. Gate valves located on the waterside (WS) slope. Manhole located on landside (LS) berm. [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/6/2013						

Photo 1 of 2 : UCIP_FA_2018_49767_34067.jpg



View of landward side where crossing should be running through.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.41	Rating **	M	Issue No.	118 (cont)	
LM End	1.41	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.572019 °	38.572019 °	
				-121.513082 °	-121.513082 °	
DWR ID	21580					
Comment Code						
Inspector Comment						
FS_ID:49767 DS_ID:21580 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available regarding the fate of this crossing. (DWR UCIP – O. Magana) 03/06/2013 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [SUMP 1] 1 of 3: 6-inch steel water line through the levee, 8 feet below the crown. Gate valves located on the waterside (WS) slope. Manhole located on landside (LS) berm. [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/6/2013						

Photo 2 of 2 : UCIP_FA_2018_49767_34066.jpg



View of pipe and gate valve located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.41	Rating **	M	Issue No.	119	
LM End	1.41	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.572018 °	38.572018 °	
				-121.513081 °	-121.513081 °	
DWR ID	21969					
Comment Code						
Inspector Comment						
FS_ID:49957 DS_ID:21969 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Line is 60-inch force main not 72-inch, dwg was provided by the City of Sacramento. (DWR UCIP – O. Magana) 07/19/2016 Crossing has been re-classified from Urgent to Non-Urgent leak has been repaired. Need to coordinate with owner to determine alignment of crossing and depth through the levee. (DWR UCIP - omagana)10/17/2014 Subsidence visible on landward side--DWR inspector was notified during field visit. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana) FIELD_STRUCT_DESC: [SUMP 1] 2 of 3: 60-inch concrete sewer line through the levee at low elevation. Slide gate inside concrete well located on the waterside (WS) slope. Manhole located on landside (LS) berm. Discharge gate located on the WS. Multiple manholes are located on LS berm. [Additional Reference(s): DWR Levee Log, 1993] FS Date: 7/19/2016						

LM Start	1.41	Rating **	M	Issue No.	119 (cont)
LM End	1.41	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_49957_34071.jpg



View of 6 inch pipe and shut-off valve located on waterward slope.

Photo 2 of 3 : UCIP_FA_2018_49957_34072.jpg



View of landward side--tall grass along slope limit inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.41	Rating **	M	Issue No.	119 (cont)
LM End	1.41	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572018 °	38.572018 °
				-121.513081 °	-121.513081 °

DWR ID 21969

Comment Code

Inspector Comment

FS_ID:49957

DS_ID:21969

EP_NO: N/A

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Line is 60-inch force main not 72-inch, dwg was provided by the City of Sacramento. (DWR UCIP – O. Magana)

07/19/2016 Crossing has been re-classified from Urgent to Non-Urgent leak has been repaired. Need to coordinate with owner to determine alignment of crossing and depth through the levee. (DWR UCIP - omagana)10/17/2014 Subsidence visible on landward side--DWR inspector was notified during field visit. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: [SUMP 1] 2 of 3: 60-inch concrete sewer line through the levee at low elevation. Slide gate inside concrete well located on the waterside (WS) slope. Manhole located on landside (LS) berm. Discharge gate located on the WS. Multiple manholes are located on LS berm. [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 7/19/2016

Photo 3 of 3 : UCIP_FA_2018_49957_75769.jpg



View of WS--gate inside concrete structure.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.41	Rating **	M	Issue No.	120	
LM End	1.41	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.571976 °	38.571976 °	
				-121.513060 °	-121.513060 °	
DWR ID	21968					
Comment Code						
Inspector Comment						
FS_ID:49766						
DS_ID:21968						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Line does not exist, no additional information was obtained to determine fate of line (was line removed or abandoned). (DWR UCIP – O. Magana)						
03/06/2013 Need to coordinate with City of Sacramento to determine if crossing is active. Urgent was issued for this crossing due to the subsidence evident on landward berm. (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: [SUMP 1] 3 of 3: 8-inch cast iron pipe through levee, 8 feet below the crown. [Additional Reference(s): DWR Levee Log, 1993]						
FS Date: 3/6/2013						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.43	Rating **	M	Issue No.	121
LM End	1.43	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.571790 °	38.571790 °	
			-121.513323 °	-121.513323 °	
DWR ID	22483				

Comment Code

Inspector Comment

FS_ID:49778

DS_ID:22483

EP_NO: 12196

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Wash water line brings clean water to pump station to clean and then discharged into the 120-inch line. (DWR UCIP – O. Magana)

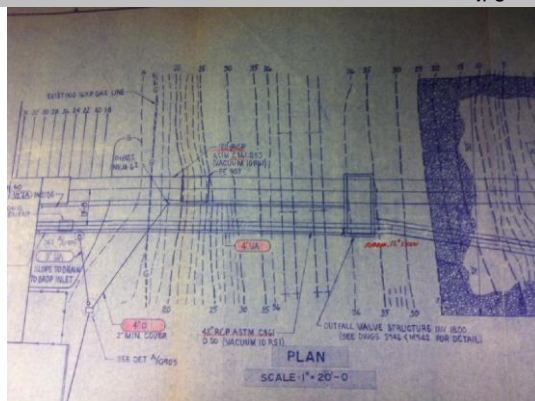
03/06/2013 Vault located on levee crown (bike path) and siphon breaker located on waterward shoulder. Coordinate with City of Sacramento to determine the condition of this crossing and last inspection. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: [Pioneer Outfall] 1 of 2: 42-inch reinforced concrete water pipe through levee, 10 feet below the levee crown. Crossing is a wash water intake pipe used to clean out the larger pipe. Line extends approximately 145 feet from the intake to the outfall valve structure located on the waterside (WS) shoulder of the levee. Pipe is skewed approximately 12 degrees upstream. Water Intake structure has a screen located on the WS intake. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at river intake. Stairway is located on the landside (LS). (42-inch pipe was installed under Permit No. 12196, 1981 - Sacramento Regional County Sanitation District; pipe was relined under Permit No. 16611, 1996 - City of Sacramento, Department of Utilities) [Additional Reference(s): DWR Levee Log, 1993]

FS Date: 3/6/2013

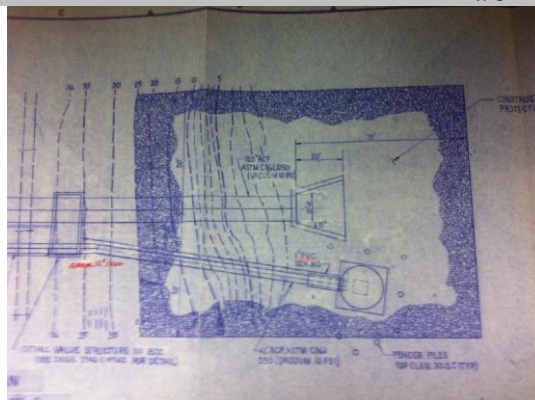
LM Start	1.43	Rating **	M	Issue No.	121 (cont)
LM End	1.43	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_49778_34024.jpg



DWG showing 42-inch and 120-inch pipes through levee and connection to outfall valve structure.

Photo 2 of 3 : UCIP_FA_2018_49778_34027.jpg



Rip rap protection around outfall structure for 42-inch and 120-inch pipes.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.43	Rating **	M	Issue No.	121 (cont)	
LM End	1.43	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.571790 °		38.571790 °
				-121.513323 °		-121.513323 °
DWR ID	22483					
Comment Code						
Inspector Comment						
FS_ID:49778 DS_ID:22483 EP_NO: 12196 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Wash water line brings clean water to pump station to clean and then discharged into the 120-inch line. (DWR UCIP – O. Magana) 03/06/2013 Vault located on levee crown (bike path) and siphon breaker located on waterward shoulder. Coordinate with City of Sacramento to determine the condition of this crossing and last inspection. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [Pioneer Outfall] 1 of 2: 42-inch reinforced concrete water pipe through levee, 10 feet below the levee crown. Crossing is a wash water intake pipe used to clean out the larger pipe. Line extends approximately 145 feet from the intake to the outfall valve structure located on the waterside (WS) shoulder of the levee. Pipe is skewed approximately 12 degrees upstream. Water Intake structure has a screen located on the WS intake. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at river intake. Stairway is located on the landside (LS). (42-inch pipe was installed under Permit No. 12196, 1981 - Sacramento Regional County Sanitation District; pipe was relined under Permit No. 16611, 1996 - City of Sacramento, Department of Utilities) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/6/2013						

Photo 3 of 3 : UCIP_FA_2018_49778_34025.jpg



Walkway present on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.43	Rating **	M	Issue No.	122
LM End	1.43	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571776 °	38.571776 °
				-121.513364 °	-121.513364 °
DWR ID	21569				
Comment Code					
Inspector Comment					
FS_ID:49958 DS_ID:21569 EP_NO: 12196 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Wash water line brings clean water to pump station to clean and then discharged into the 120-inch line. (DWR UCIP – O. Magana) 7/19/2016 Leak was repaired. Leak was caused by failed gasket. Sink hole present on LS was pressure grouted. (DWR UCIP - omagana)10/17/2014 Check with City of Sacramento to determine last inspection and condition of crossing. Vegetation on waterward and landward slope makes it difficult to inspect and identify any potential leaks visible from surface. (DWR UCIP - omagana) FIELD_STRUCT_DESC: [Pioneer Outfall] 2 of 2: 120-inch reinforced concrete outfall pipe through the levee, 3 feet below the crown. Pipe extends approximately 117 feet from the discharge point to a reinforced concrete outfall valve structure located on the waterside (WS) shoulder. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at outlet. (120-inch pipe installed under Permit No. 12196, 1977 - Sacramento Regional County Sanitation District) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 7/19/2016					

LM Start	1.43	Rating **	M	Issue No.	122 (cont)
LM End	1.43	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_49958_34051.jpg



View of levee crown--outlet valve structure located along bike path and siphon breaker on waterward shoulder.

Photo 2 of 3 : UCIP_FA_2018_49958_34050.jpg



View of waterward side--outlet submerged.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.43	Rating **	M	Issue No.	122 (cont)	
LM End	1.43	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.571776 °	38.571776 °	
				-121.513364 °	-121.513364 °	
DWR ID	21569					
Comment Code						
Inspector Comment						
FS_ID:49958 DS_ID:21569 EP_NO: 12196 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Wash water line brings clean water to pump station to clean and then discharged into the 120-inch line. (DWR UCIP – O. Magana) 7/19/2016 Leak was repaired. Leak was caused by failed gasket. Sink hole present on LS was pressure grouted. (DWR UCIP - omagana)10/17/2014 Check with City of Sacramento to determine last inspection and condition of crossing. Vegetation on waterward and landward slope makes it difficult to inspect and identify any potential leaks visible from surface. (DWR UCIP - omagana) FIELD_STRUCT_DESC: [Pioneer Outfall] 2 of 2: 120-inch reinforced concrete outfall pipe through the levee, 3 feet below the crown. Pipe extends approximately 117 feet from the discharge point to a reinforced concrete outfall valve structure located on the waterside (WS) shoulder. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at outlet. (120-inch pipe installed under Permit No. 12196, 1977 - Sacramento Regional County Sanitation District) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 7/19/2016						

Photo 3 of 3 : UCIP_FA_2018_49958_34049.jpg



Tall grass along pipe alignment--limited inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.59	Rating **	M	Issue No.	123
LM End	1.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570116°	38.570116°
				-121.515352°	-121.515352°
DWR ID	21610				
Comment Code					
Inspector Comment					
FS_ID:38733 DS_ID:21610 EP_NO: 6627 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/07/2018 Permit records show that temporary pipe will be completely removed from the project works prior to October 15, 1969. However, there is no record to confirm this requirement. Additional research is recommended for this crossing to be able to update record as removed. (DWR UCIP - O. Magana) 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available through the LMA. (DWR UCIP – O. Magana) FIELD_STRUCT_DESC: 34-inch steel discharge pipe through levee, 3 feet below the levee crown. (34-inch pipe authorized under Permit No. 6627, C. K. Moseman Construction Co., temporary pipe) FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.59	Rating **	M	Issue No.	124
LM End	1.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID	21558				
Comment Code					
Inspector Comment					
FS_ID:32883 DS_ID:21558 EP_NO: 2371 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-172A) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, and a 2012 Integrity Assessment to determine the condition of the line and no issues were identified by PG&E for this line. In 2012, PG&E coordinated with the CVFPB a gas line integrity excavation at the location behind Leiva Park off of V Street in Sacramento. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana) 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana) 03/06/2013 Need to coordinate with PG&E to clarify all appurtenances associated with crossing. Need maintenance records for this crossing (last inspection). (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 12-inch gas line of unknown material through the levee, 5 feet below the levee crown. Gas pipeline sign on the waterside (WS) slope and rectangular concrete box is located on the WS berm. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (12-inch line authorized under Permit No. 2371, 1959 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/6/2013					

Photo 1 of 3 : UCIP_FA_2018_32883_59502.jpg



PG&E warning gas line crossing--waterward side view.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.59	Rating **	M	Issue No.	124 (cont)	
LM End	1.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.570075 °	38.570075 °	
				-121.515402 °	-121.515402 °	
DWR ID	21558					
Comment Code						
Inspector Comment						
FS_ID:32883 DS_ID:21558 EP_NO: 2371 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-172A) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, and a 2012 Integrity Assessment to determine the condition of the line and no issues were identified by PG&E for this line. In 2012, PG&E coordinated with the CVFPB a gas line integrity excavation at the location behind Leiva Park off of V Street in Sacramento. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana) 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana) 03/06/2013 Need to coordinate with PG&E to clarify all appurtenances associated with crossing. Need maintenance records for this crossing (last inspection). (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 12-inch gas line of unknown material through the levee, 5 feet below the levee crown. Gas pipeline sign on the waterside (WS) slope and rectangular concrete box is located on the WS berm. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (12-inch line authorized under Permit No. 2371, 1959 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/6/2013						

Photo 2 of 3 : UCIP_FA_2018_32883_59501.jpg



View of waterward slope--tall grass limits inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.59	Rating **	M	Issue No.	124 (cont)
LM End	1.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °

Comment Code

Inspector Comment

FS_ID:32883
DS_ID:21558
EP_NO: 2371
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-172A) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, and a 2012 Integrity Assessment to determine the condition of the line and no issues were identified by PG&E for this line. In 2012, PG&E coordinated with the CVFPB a gas line integrity excavation at the location behind Leiva Park off of V Street in Sacramento. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP - O. Magana)
03/06/2013 Need to coordinate with PG&E to clarify all appurtenances associated with crossing. Need maintenance records for this crossing (last inspection). (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 12-inch gas line of unknown material through the levee, 5 feet below the levee crown. Gas pipeline sign on the waterside (WS) slope and rectangular concrete box is located on the WS berm. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (12-inch line authorized under Permit No. 2371, 1959 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 3 of 3 : UCIP_FA_2018_32883_59500.jpg



View of levee crown (trail) near waterward shoulder edge.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.59	Rating **	M	Issue No.	125
LM End	1.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID	24909				
Comment Code					
Inspector Comment					
FS_ID:41288 DS_ID:24909 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-172A) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, and a 2012 Integrity Assessment to determine the condition of the line and no issues were identified by PG&E for this line. In 2012, PG&E coordinated with the CVFPB a gas line integrity excavation at the location behind Leiva Park off of V Street in Sacramento. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana) 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana) 03/06/2013 Need to contact owner to determine status. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Gas line through levee. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (12-inch line authorized under Permit No. 2371, 1959 - Pacific Gas and Electric Company [PG&E]) FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.61	Rating **	M	Issue No.	126
LM End	1.61	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569806 °	38.569806 °
				-121.515546 °	-121.515546 °
DWR ID	21617				
Comment Code					
Inspector Comment					
FS_ID:41442 DS_ID:21617 EP_NO: 14732 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-116) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, a 2012 Integrity Assessment, and a 2016 in-line inspection to determine the condition of the line and no issues were identified by PG&E for this line. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana) 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. Need to review permit 544 to see if this permit is related to crossing. (DWR UCIP – O. Magana) 03/07/2013 Need to obtain maintenance records for pipe line--Inspector was able to obtain inspection status from PG&E. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch natural gas line of unknown material under the levee and channel at a depth of 25 feet minimum. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (24-inch line authorized under Permit No. 14732, 1988 - Pacific Gas and Electric Company [PG&E]) FS Date: 3/7/2013					

Photo 1 of 3 : UCIP_FA_2018_41442_59560.jpg



View of crossing approximately 110 feet downstream--stand pipes located on landward shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.61	Rating **	M	Issue No.	126 (cont)	
LM End	1.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.569806 °	38.569806 °	
				-121.515546 °	-121.515546 °	
DWR ID	21617					
Comment Code						
Inspector Comment						
FS_ID:41442 DS_ID:21617 EP_NO: 14732 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-116) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, a 2012 Integrity Assessment, and a 2016 in-line inspection to determine the condition of the line and no issues were identified by PG&E for this line. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana) 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. Need to review permit 544 to see if this permit is related to crossing. (DWR UCIP – O. Magana) 03/07/2013 Need to obtain maintenance records for pipe line--Inspector was able to obtain inspection status from PG&E. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch natural gas line of unknown material under the levee and channel at a depth of 25 feet minimum. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (24-inch line authorized under Permit No. 14732, 1988 - Pacific Gas and Electric Company [PG&E]) FS Date: 3/7/2013						

Photo 2 of 3 : UCIP_FA_2018_41442_59559.jpg



View of crossing approximately 110 feet downstream--large sign located on waterward slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.61	Rating **	M	Issue No.	126 (cont)
LM End	1.61	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569806 °	38.569806 °
				-121.515546 °	-121.515546 °
DWR ID	21617				
Comment Code					
Inspector Comment					
FS_ID:41442 DS_ID:21617 EP_NO: 14732 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-116) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, a 2012 Integrity Assessment, and a 2016 in-line inspection to determine the condition of the line and no issues were identified by PG&E for this line. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana) 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. Need to review permit 544 to see if this permit is related to crossing. (DWR UCIP – O. Magana) 03/07/2013 Need to obtain maintenance records for pipe line--Inspector was able to obtain inspection status from PG&E. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch natural gas line of unknown material under the levee and channel at a depth of 25 feet minimum. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (24-inch line authorized under Permit No. 14732, 1988 - Pacific Gas and Electric Company [PG&E]) FS Date: 3/7/2013					

Photo 3 of 3 : UCIP_FA_2018_41442_59558.jpg



View of stand pipes located on landward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.70	Rating **	M	Issue No.	127
LM End	1.70	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568544 °	38.568544 °
				-121.515993 °	-121.515993 °
DWR ID	21615				
Comment Code					
Inspector Comment					
FS_ID:41444 DS_ID:21615 EP_NO: 17185 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. According to LMA this site appears to be owned by Phillips 66. Phillips 66 contact is Ed Ralston, Ed.C.Ralston@p66.com. (DWR UCIP – O. Magana) 03/07/2013 Some buildings, structures, and equipment remain -- monitoring wells still present within acre footprint. Need to contact owner to determine status of monitoring site. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *REMOVED* oil tanks, holding racks, underground pipes, buildings and associated concrete slabs, footings, and foundations from the left bank of the Sacramento River. Demo site located on waterward berm from LM 1.68 (38.56893227, -121.5158786) to LM 1.74 (38.568074, -121.5160597). Demolition acceptance form signed November 2000. Exceptions or remaining features are present: 1. product piping and conduits through levee on the east side of site, abandoned in place, 2. existing electrical house located at the southeast corner of the property, 3. active conduits coming from existing electrical house and proceeding west approximately 30 feet, then south under Broadway to Tosco's active tanks located south of Broadway, and 4. 16 wooden piles 10 feet below ground surface in the middle of the site (former Tank #5009 area) (remove oil tanks, holding racks, underground pipes, buildings and associated concrete slabs, footings, foundations, and abandoning 8 or more pipe through the levee work authorized under Permit No. 17185, 2000 - Tosco Corporation/BHL Industries, Inc.) FS Date: 3/7/2013					

Photo 1 of 1 : UCIP_FA_2018_41444_59572.jpg



Concrete structure still remain in lot on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.70	Rating **	M	Issue No.	128	
LM End	1.70	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.568491 °	38.568491 °	
				-121.515977 °	-121.515977 °	
DWR ID	21604					
Comment Code						
Inspector Comment						
FS_ID:41282 DS_ID:21604 EP_NO: 18009 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Site is still an active monitoring remediation site. (DWR UCIP – O. Magana) 03/07/2013 Project has reached 5 years is this project still in use? Permit issued for abandonment of treatment? Assumed installation date of 7/1/2005 per inspector's notes indicating work was completed in the summer of 2005. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Ozone Injection and Soil Vapor Extraction Treatment System for Former Tosco Bulk Fuel Terminal #3493. To authorize and retain (for approximately 5 years) twenty-three 2 to 4-inch-diameter extraction wells and thirty-six 2-inch-diameter ozone wells; to excavate approximately 2,050 linear-feet of trench and install required PVC piping and electrical conduits from the wells to main and sub-compounds with necessary equipment to complete an ozone injection and soil vapor extraction treatment system on the overflow area of the left (east) bank levee of the Sacramento River. (authorized and retail (for about 5 years) twenty-three 2 to 4-inch extraction wells and thirty-six 2-inch ozone wells, and additional work authorized under Permit No. 18009, 2006 - Conoco Phillips) FS Date: 3/7/2013						

LM Start	1.70	Rating **	M	Issue No.	128 (cont)
LM End	1.70	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_41282_59575.jpg



Structures present inside lot--site of Ozone Injection and Soil Vapor Extration System for the former Tosco Bulk Fuel.

Photo 2 of 3 : UCIP_FA_2018_41282_59574.jpg



Several vapor wells present inside fenced area.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.70	Rating **	M	Issue No.	128 (cont)	
LM End	1.70	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.568491 °	38.568491 °	
				-121.515977 °	-121.515977 °	
DWR ID	21604					
Comment Code						
Inspector Comment						
FS_ID:41282 DS_ID:21604 EP_NO: 18009 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Site is still an active monitoring remediation site. (DWR UCIP – O. Magana) 03/07/2013 Project has reached 5 years is this project still in use? Permit issued for abandonment of treatment? Assumed installation date of 7/1/2005 per inspector's notes indicating work was completed in the summer of 2005. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Ozone Injection and Soil Vapor Extraction Treatment System for Former Tosco Bulk Fuel Terminal #3493. To authorize and retain (for approximately 5 years) twenty-three 2 to 4-inch-diameter extraction wells and thirty-six 2-inch-diameter ozone wells; to excavate approximately 2,050 linear-feet of trench and install required PVC piping and electrical conduits from the wells to main and sub-compounds with necessary equipment to complete an ozone injection and soil vapor extraction treatment system on the overflow area of the left (east) bank levee of the Sacramento River. (authorized and retail (for about 5 years) twenty-three 2 to 4-inch extraction wells and thirty-six 2-inch ozone wells, and additional work authorized under Permit No. 18009, 2006 - Conoco Phillips) FS Date: 3/7/2013						

Photo 3 of 3 : UCIP_FA_2018_41282_59573.jpg



More vapor wells present on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.74	Rating **	M	Issue No.	129
LM End	1.74	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568026 °	38.568026 °
				-121.516070 °	-121.516070 °
DWR ID	24910				
Comment Code					
Inspector Comment					
FS_ID:38735 DS_ID:24910 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017 to determine the condition of the line and no issues were identified by PG&E for this line. Based on the supporting documentation provided by PG&E this crossing has been downgraded from Urgent to Non-Urgent, once PG&E provides results of the August 2, 2017 leak test this crossing can re-evaluated. No permit was provided by PG&E. (DWR UCIP - O. Magana) 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. Need photos of approximate levee crossing--looking for markers. (DWR UCIP – O. Magana) FIELD_STRUCT_DESC: 3-inch gas main through the east levee of the Sacramento River approximately 3 feet below crown. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (3-inch line authorized under Permit No. 1419, 1949 - Pacific Gas and Electric Company [PG&E], PG&E has install date of 1976) FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.74	Rating **	M	Issue No.	130
LM End	1.74	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.567980 °	38.567980 °	
			-121.516088 °	-121.516088 °	
DWR ID	24911				
Comment Code					
Inspector Comment					
FS_ID:38736 DS_ID:24911 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. 8-inch active water line encased used to supply water to the Marina Facilities. 8-inch could be sleeved through 12-inch pipe. No additional information was provided. (DWR UCIP – O. Magana) FIELD_STRUCT_DESC: 12-inch pipe of unknown material or purpose through levee at an unknown depth below the levee crown. Records provided by Sacramento County. Installed 1935. FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.74	Rating **	M	Issue No.	131
LM End	1.74	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567981 °	38.567981 °
				-121.516077 °	-121.516077 °
DWR ID	21575				
Comment Code					
Inspector Comment					
FS_ID:41427 DS_ID:21575 EP_NO: 9259 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available through the LMA. (DWR UCIP – O. Magana) 03/07/2013 Backflow device next to fence area angled--unable to confirm if device is part of crossing appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 12-inch cast iron water main pipe sleeved through a 20-inch steel casing through the levee, 3 feet below the levee crown. (12-inch pipe through a 20-inch pipe authorized under Permit No. 9259, 1974 - City of Sacramento City Hall) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/7/2013					

LM Start	1.74	Rating **	M	Issue No.	131 (cont)
LM End	1.74	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_41427_59507.jpg



View of wide levee crown--old railroad tracks, former Tosco Bulk Fuel Terminal #3493, utility poles, and fire hydrant.

Photo 2 of 3 : UCIP_FA_2018_41427_59506.jpg



Backflow prevention device on shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.74	Rating **	M	Issue No.	131 (cont)	
LM End	1.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.567981°	38.567981°	
				-121.516077°	-121.516077°	
DWR ID	21575					
Comment Code						
Inspector Comment						
FS_ID:41427 DS_ID:21575 EP_NO: 9259 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available through the LMA. (DWR UCIP – O. Magana) 03/07/2013 Backflow device next to fence area angled--unable to confirm if device is part of crossing appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 12-inch cast iron water main pipe sleeved through a 20-inch steel casing through the levee, 3 feet below the levee crown. (12-inch pipe through a 20-inch pipe authorized under Permit No. 9259, 1974 - City of Sacramento City Hall) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/7/2013						

Photo 3 of 3 : UCIP_FA_2018_41427_59505.jpg



Close up of positive closure device.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.75	Rating **	M	Issue No.	132
LM End	1.75	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567779 °	38.567779 °
				-121.516006 °	-121.516006 °
DWR ID	21598				
Comment Code					
Inspector Comment					
FS_ID:41452 DS_ID:21598 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe section to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana) 03/07/2013 High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 1 of 4: 10-inch steel fuel line (regular) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company) FS Date: 3/7/2013					

LM Start	1.75	Rating **	M	Issue No.	132 (cont)
LM End	1.75	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_41452_59525.jpg



View of crossings from levee shoulder.

Photo 2 of 3 : UCIP_FA_2018_41452_59524.jpg



Dense burrow activity along landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.75	Rating **	M	Issue No.	132 (cont)	
LM End	1.75	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.567779 °	38.567779 °	
				-121.516006 °	-121.516006 °	
DWR ID	21598					
Comment Code						
Inspector Comment						
FS_ID:41452 DS_ID:21598 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe section to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana) 03/07/2013 High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 1 of 4: 10-inch steel fuel line (regular) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company) FS Date: 3/7/2013						

Photo 3 of 3 : UCIP_FA_2018_41452_59523.jpg



Pipe markers visible along chain link fence on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.76	Rating **	M	Issue No.	133
LM End	1.76	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567772 °	38.567772 °
				-121.516006 °	-121.516006 °
DWR ID	22383				
Comment Code					
Inspector Comment					
FS_ID:41448 DS_ID:22383 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe section to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana) 03/07/2013 High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 2 of 4: 10-inch steel fuel line (premium) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company) FS Date: 3/7/2013					

LM Start	1.76	Rating **	M	Issue No.	133 (cont)
LM End	1.76	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_41448_59511.jpg



View of levee crown looking upstream--rail road traffic signal box located on right side.

Photo 2 of 3 : UCIP_FA_2018_41448_59510.jpg



Overview of 4-10 inch lines through levee--landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.76	Rating **	M	Issue No.	133 (cont)	
LM End	1.76	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.567772 °	38.567772 °	
				-121.516006 °	-121.516006 °	
DWR ID	22383					
Comment Code						
Inspector Comment						
FS_ID:41448 DS_ID:22383 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe sectio to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana) 03/07/2013 High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 2 of 4: 10-inch steel fuel line (premium) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company) FS Date: 3/7/2013						

Photo 3 of 3 : UCIP_FA_2018_41448_59512.jpg



Dense vegetation and large burrow holes located on shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.76	Rating **	M	Issue No.	134
LM End	1.76	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567765 °	38.567765 °
				-121.516007 °	-121.516007 °
DWR ID	22384				
Comment Code					
Inspector Comment					
FS_ID:41449 DS_ID:22384 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe sectio to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana) 03/07/2013 High rodent activity on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 3 of 4: 10-inch steel fuel line (no lead) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company) FS Date: 3/7/2013					

LM Start	1.76	Rating **	M	Issue No.	134 (cont)
LM End	1.76	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_41449_59518.jpg



View of 4-10 inch pipes through levee located on landward side.

Photo 2 of 3 : UCIP_FA_2018_41449_59517.jpg



View of waterward side--markers visible along chain link fence.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.76	Rating **	M	Issue No.	134 (cont)	
LM End	1.76	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.567765 °	38.567765 °	
				-121.516007 °	-121.516007 °	
DWR ID	22384					
Comment Code						
Inspector Comment						
FS_ID:41449 DS_ID:22384 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe sectio to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana) 03/07/2013 High rodent activity on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 3 of 4: 10-inch steel fuel line (no lead) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company) FS Date: 3/7/2013						

Photo 3 of 3 : UCIP_FA_2018_41449_59516.jpg



Pipes protected by metal post fence--landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.76	Rating **	M	Issue No.	135	
LM End	1.76	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.567759 °	38.567759 °	
				-121.516007 °	-121.516007 °	
DWR ID	22385					
Comment Code						
Inspector Comment						
FS_ID:48322 DS_ID:22385 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe sectio to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana) 03/07/2013 *5th pipe present (mystery pipe) 38.567748966, - 121.516011521 not listed in permit* High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 4 of 4: 10-inch steel fuel line (diesel) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company) FS Date: 3/7/2013						

LM Start	1.76	Rating **	M	Issue No.	135 (cont)
LM End	1.76	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_48322_59521.jpg



View multiple crossings visible on landward side.

Photo 2 of 3 : UCIP_FA_2018_48322_59520.jpg



Dense burrow activity along levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.76	Rating **	M	Issue No.	135 (cont)	
LM End	1.76	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.567759 °	38.567759 °	
				-121.516007 °	-121.516007 °	
DWR ID	22385					
Comment Code						
Inspector Comment						
FS_ID:48322 DS_ID:22385 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe sectio to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana) 03/07/2013 *5th pipe present (mystery pipe) 38.567748966, - 121.516011521 not listed in permit* High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 4 of 4: 10-inch steel fuel line (diesel) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company) FS Date: 3/7/2013						

Photo 3 of 3 : UCIP_FA_2018_48322_59519.jpg



Pipe markers visible along the chain link fence on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.78	Rating **	M	Issue No.	136
LM End	1.78	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567352 °	38.567352 °
				-121.516102 °	-121.516102 °
DWR ID	21576				
Comment Code					
Inspector Comment					
FS_ID:41457 DS_ID:21576 EP_NO: 4914 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/07/2013 Need records confirming crossing is free of leaks. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 8-inch steel oil product line through the levee, 5 feet below the crown and along the waterside (WS) to Levee Mile 2.41, for river crossing under the channel. (8-inch line authorized under Permit No. 4914, -A, -B, -C, 1965 - Standard Oil Co.) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/7/2013					

LM Start	1.78	Rating **	M	Issue No.	136 (cont)
LM End	1.78	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_41457_59529.jpg



View of waterard side--markers visible through levee.

Photo 2 of 3 : UCIP_FA_2018_41457_59528.jpg



Contact information before excavation or in case of emergency.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.78	Rating **	M	Issue No.	136 (cont)	
LM End	1.78	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.567352°	38.567352°	
				-121.516102°	-121.516102°	
DWR ID	21576					
Comment Code						
Inspector Comment						
FS_ID:41457 DS_ID:21576 EP_NO: 4914 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/07/2013 Need records confirming crossing is free of leaks. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 8-inch steel oil product line through the levee, 5 feet below the crown and along the waterside (WS) to Levee Mile 2.41, for river crossing under the channel. (8-inch line authorized under Permit No. 4914, -A, -B, -C, 1965 - Standard Oil Co.) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/7/2013						

Photo 3 of 3 : UCIP_FA_2018_41457_59527.jpg



Markers visible on landward side.

LM Start	1.94	Rating **	M	Issue No.	137
LM End	1.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.565113 °	38.565113 °
				-121.516291 °	-121.516291 °
DWR ID	24913				
Comment Code					
Inspector Comment					
FS_ID:41292 DS_ID:24913 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Line is tied to dsid 21575. No additional information was provided by LMA. (DWR UCIP – O. Magana) 03/06/2013 unable to confirm if crossing is still active--multiple manholes present near sump pump need to determine additional details of lines connecting to sump station 3. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 8-inch water main pipe of unknown material through levee. FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.95	Rating **	A/W	Issue No.	7
LM End	2.34	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564900 °	38.559460 °
				-121.516253 °	-121.515085 °
DWR ID	DWR_NA0005_01_f_2015_7				
Comment Code					
EQ : Equipment					
Inspector Comment					
Railroad tracks run on crown of levee, paved roadway runs along toe on waterside. This is Miller Park Marina area.					

Photo 1 of 3 : FA_2018_NA0005_251_7_20180917_00003.jpg



View of the railroad tracks on the crown of the levee looking downstream at levee mile 1.95. Spring 2016.

LM Start	1.95	Rating **	A/W	Issue No.	7 (cont)
LM End	2.34	Issue Type +	En	Location *	CR

Photo 2 of 3 : FA_2018_NA0005_251_7_20180917_00002.jpg



Railroad tracks are on levee crown. The street is to the boat ramp.

LM Start	1.95	Rating **	A/W	Issue No.	7 (cont)
LM End	2.34	Issue Type +	En	Location *	CR

Photo 3 of 3 : FA_2018_NA0005_251_7_20180917_00004.jpg



View of the railroad tracks at levee mile 2.34 on the crown of the levee looking upstream. Spring 2016.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.96	Rating **	M	Issue No.	138	
LM End	1.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.564843 °	38.564843 °	
				-121.516246 °	-121.516246 °	
DWR ID	21613					
Comment Code						
Inspector Comment						
FS_ID:41430						
DS_ID:21613						
EP_NO: 7434						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 03/07/2013 2 manholes and sump pump present.						
Need to update description to confirm if this permit is for Sump-3.						
(DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: [Sump 3] 4-inch sanitary sewer force main						
0.375-inch steel with 0.125-inch mortar liner and asphalt coated on the						
outside through the levee at an unknown depth below the levee crown to						
serve Miller Park area. Line runs along the center of the levee for						
approximately 1700 feet. City of Sacramento Dept. of Utilities, Sump 3						
lift station, contact information in case of emergency - 916-808-5461. (6-						
inch pipe authorized under Permit No. 7434, City of Sacramento-1972)						
FS Date: 3/7/2013						

LM Start	1.96	Rating **	M	Issue No.	138 (cont)
LM End	1.96	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_41430_72757.jpg



Manhole present on roadway.

Photo 2 of 3 : UCIP_FA_2018_41430_72756.jpg



Sump pump station 3.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	1.96	Rating **	M	Issue No.	138 (cont)	
LM End	1.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.564843 °	38.564843 °	
				-121.516246 °	-121.516246 °	
DWR ID	21613					
Comment Code						
Inspector Comment						
FS_ID:41430						
DS_ID:21613						
EP_NO: 7434						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 03/07/2013 2 manholes and sump pump present.						
Need to update description to confirm if this permit is for Sump-3.						
(DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: [Sump 3] 4-inch sanitary sewer force main						
0.375-inch steel with 0.125-inch mortar liner and asphalt coated on the						
outside through the levee at an unknown depth below the levee crown to						
serve Miller Park area. Line runs along the center of the levee for						
approximately 1700 feet. City of Sacramento Dept. of Utilities, Sump 3						
lift station, contact information in case of emergency - 916-808-5461. (6-						
inch pipe authorized under Permit No. 7434, City of Sacramento-1972)						
FS Date: 3/7/2013						

Photo 3 of 3 : UCIP_FA_2018_41430_72755.jpg



Service vault visible on levee crown.

LM Start	1.97	Rating **	M	Issue No.	139
LM End	1.97	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564642 °	38.564642 °
				-121.516441 °	-121.516441 °
DWR ID	24920				
Comment Code					
Inspector Comment					
FS_ID:38742					
DS_ID:24920					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: sump pump station					
FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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City of Sacramento

No Photos

No Photos

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	2.04	Rating **	M	Issue No.	142
LM End	2.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563702°	38.563702°
				-121.515876°	-121.515876°
DWR ID	24921				
Comment Code					
Inspector Comment					
FS_ID:41293					
DS_ID:24921					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area					
Drainage representatives: Mick Smith and Mike Gonsalves. Pipe					
section along the LS levee removed and the pipe section through the					
levee was grouted. Pipe is linked to PI issue, issue was coordinated					
with the CVFPB. No permit was issued. (DWR UCIP – O. Magana)					
03/06/2013 Need to contact owner to determine type of crossing and					
status. Need to find out the alignment of crossing. (DWR UCIP - O.					
Magana)					
FIELD_STRUCT_DESC: *ABANDONED* 1 of 4. Crossing found					
through railroad/levee visible on landside (LS).					
FS Date: 3/6/2013					

Photo 1 of 2 : UCIP_FA_2018_41293_72760.jpg



PVC pipe through levee.

LM Start	2.04	Rating **	M	Issue No.	142 (cont)
LM End	2.04	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_FA_2018_41293_72759.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	2.05	Rating **	M	Issue No.	143	
LM End	2.05	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.563562 °	38.563562 °	
				-121.515867 °	-121.515867 °	
DWR ID	24922					
Comment Code						
Inspector Comment						
FS_ID:41294						
DS_ID:24922						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area						
Drainage representatives: Mick Smith and Mike Gonsalves. Pipe						
section along the LS levee removed and the pipe section through the						
levee was grouted. Pipe is linked to PI issue, issue was coordinated						
with the CVFPB. No permit was issued. (DWR UCIP – O. Magana)						
03/06/2013 Need to contact owner to determine type of crossing and						
status. Need to find out the alignment of crossing. (DWR UCIP - O.						
Magana)						
FIELD_STRUCT_DESC: *ABANDONED* 2 of 4. Crossing found						
through railroad/levee visible on landside (LS).						
FS Date: 3/6/2013						

LM Start	2.05	Rating **	M	Issue No.	143 (cont)
LM End	2.05	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_FA_2018_41294_72762.jpg



PVC pipe through levee.

Photo 2 of 2 : UCIP_FA_2018_41294_72761.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	2.08	Rating **	M	Issue No.	144	
LM End	2.08	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.563196 °	38.563196 °	
				-121.515833 °	-121.515833 °	
DWR ID	24923					
Comment Code						
Inspector Comment						
FS_ID:41295						
DS_ID:24923						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area						
Drainage representatives: Mick Smith and Mike Gonsalves. Pipe						
section along the LS levee removed and the pipe section through the						
levee was grouted. Pipe is linked to PI issue, issue was coordinated						
with the CVFPB. No permit was issued. (DWR UCIP – O. Magana)						
03/06/2013 Need to contact owner to determine type of crossing and						
status. Need to find out the alignment of crossing. (DWR UCIP - O.						
Magana)						
FIELD_STRUCT_DESC: *ABANDONED* 3 of 4. Crossing found						
through railroad/levee visible on landside (LS).						
FS Date: 3/6/2013						

LM Start	2.08	Rating **	M	Issue No.	144 (cont)
LM End	2.08	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_FA_2018_41295_72764.jpg



View of landward side.

Photo 2 of 2 : UCIP_FA_2018_41295_72763.jpg



Dense vegetation along landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	2.12	Rating **	M	Issue No.	145	
LM End	2.12	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.562532 °	38.562532 °	
				-121.515763 °	-121.515763 °	
DWR ID	24924					
Comment Code						
Inspector Comment						
FS_ID:38827						
DS_ID:24924						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area						
Drainage representatives: Mick Smith and Mike Gonsalves. Pipe						
section along the LS levee removed and the pipe section through the						
levee was grouted. Pipe is linked to PI issue, issue was coordinated						
with the CVFPB. No permit was issued. (DWR UCIP – O. Magana)						
03/06/2013 Need to contact owner to determine type of crossing and						
status. Need to find out the alignment of crossing. (DWR UCIP - O.						
Magana)						
FIELD_STRUCT_DESC: *ABANDONED* 4 of 4. Crossing found						
through railroad/levee visible on landside (LS).						
FS Date: 3/6/2013						

LM Start	2.12	Rating **	M	Issue No.	145 (cont)
LM End	2.12	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_FA_2018_38827_72766.jpg



View of landward side.

Photo 2 of 2 : UCIP_FA_2018_38827_72765.jpg



Dense vegetation on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	2.15	Rating **	C	Issue No.	81
LM End	2.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.562070°	38.562070°
				-121.515770°	-121.515770°
DWR ID	DWR_NA0005_01_f_2017_81				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Site ID No:492 Site Designation:SCDU-07 Repair Type: Erosion Rating:Serious Field Date:7/18/2017 Notes: Erosion length = 80 feet City will repair this section summer 2018. DWR Fall 2018 Inspection: LMA repaired erosion/sinkhole this Fall 2018.					

No Photos

LM Start	2.16	Rating **	C	Issue No.	86
LM End	2.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.562024°	38.562024°
				-121.515923°	-121.515923°
DWR ID	DWR_NA0005_01_s_2017_86				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
LMA repaired erosion this season.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	2.29	Rating **	M	Issue No.	146	
LM End	2.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.560088 °		38.560088 °
				-121.515150 °		-121.515150 °
DWR ID	24925					
Comment Code						
Inspector Comment						
FS_ID:41431 DS_ID:24925 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe might be abandoned. No additional information was provided by LMA. (DWR UCIP – O. Magana) 03/06/2013 Need to coordinate with owner to determine status of crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 18-inch drainage pipe of unknown material through the levee at an unknown depth below the levee crown. Crossing information was obtained from the City of Sacramento GIS records. FS Date: 3/6/2013						

Photo 1 of 1 : UCIP_FA_2018_41431_72800.jpg



Approximate alignment through levee provided by the City of Sacramento GIS.

LM Start	2.31	Rating **	A/W	Issue No.	82
LM End	2.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.559767 °	38.559767 °
				-121.515264 °	-121.515264 °
DWR ID	DWR_NA0005_01_s_2016_82				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
City of Sac grouted this area and will continue to monitor.					

Photo 1 of 1 : FA_2018_NA0005_251_82_20180917_00012.jpg



View of rodent hole on waterside slope. Fall 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	2.34	Rating **	M	Issue No.	147
LM End	2.34	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.559451 °	38.559451 °
				-121.514894 °	-121.514894 °
DWR ID	24917				

Comment Code

Inspector Comment

FS_ID:52602
DS_ID:24917
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 03/07/2018 Drawings available under Permit No. 4914-C provided approximate levee crossing for dsid 24917, which crosses levee at CLM 2.34, this crossing was previously listed under CLM 1.966. Crossing description, coordinates, and CLM have been updated. Photo from 2013 of paddle marker was taken at CLM 1.966. Need to take photo of paddle marker at CLM 2.34 to update this record. If no marker is present at CLM 2.34, LMA will need to coordinate with owner about adding marker. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Line goes through crown, goes along WS, and then goes across channel and through West Sacramento Levees (RD0900). (DWR UCIP - O. Magana)
03/06/2013 Need to contact owner to determine additional details--permit, alignment, depth, and last inspection. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 8-inch steel oil product line through the levee, 3.5 feet below the levee crown. (8-inch pipe authorized under Permit No. 4914, -B, 1965 - Standard Oil Company of California, HLM 2.04; 8-inch pipe removed and replaced with new 8-inch pipe (only through RD0900 levee) authorized under Permit No. 4914-C, 2010 - Chevron Pipeline Company) [Additional Reference(s): DWR Levee Log, 2003]
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_FA_2018_52602_72758.jpg



Marker of gas line visible on levee crown next to railroad tracks.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

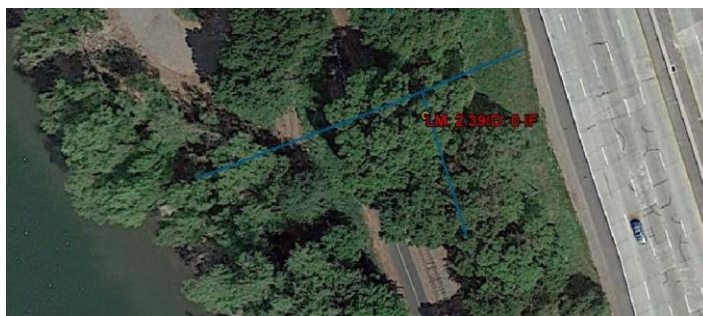
Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	2.39	Rating **	M	Issue No.	148	
LM End	2.39	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.558793 °	38.558793 °	
				-121.514460 °	-121.514460 °	
DWR ID	24926					
Comment Code						
Inspector Comment						
FS_ID:41433 DS_ID:24926 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No additional information was provided by LMA. (DWR UCIP – O. Magana) 03/06/2013 Need to coordinate with owner to determine status of crossing. Unable to find crossing in the field. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Drainage pipe of unknown size through levee at an unknown depth below the levee crown. Crossing information was obtained from Sacramento County GIS records. FS Date: 3/6/2013						

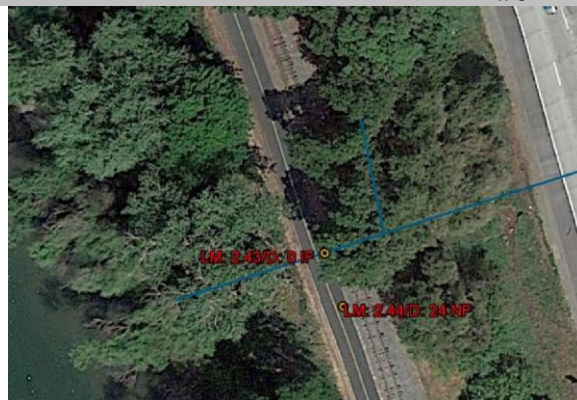
Photo 1 of 1 : UCIP_FA_2018_41433_72801.jpg



Approximate alignment for crossing provided by City of Sacramento GIS.

LM Start	2.43	Rating **	M	Issue No.	149
LM End	2.43	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558224 °	38.558224 °
				-121.514365 °	-121.514365 °
DWR ID	24927				
Comment Code					
Inspector Comment					
FS_ID:41296					
DS_ID:24927					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area					
Drainage representatives: Mick Smith and Mike Gonsalves. No					
additional information was provided by LMA. (DWR UCIP – O. Magana)					
03/06/2013 Need to coordinate with owner to determine status of					
crossing--unable to locate in field. (DWR UCIP - O. Magana)					
FIELD_STRUCT_DESC: 18-inch drainage pipe of unknown material					
through the levee at an unknown depth below the levee crown. Crossing					
information was obtained from Sacramento County GIS records.					
FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_FA_2018_41296_72767.jpg



Approximate alignment of crossing provided by the City of Sacramento.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	2.45	Rating **	A/W	Issue No.	8
LM End	2.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.557937 °	38.557937 °
				-121.514237 °	-121.514237 °
DWR ID	DWR_NA0005_01_s_2012_8				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.46	Rating **	A/W	Issue No.	21
LM End	2.75	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.557828 °	38.553710 °
				-121.514193 °	-121.512863 °
DWR ID	DWR_NA0005_01_s_2012_21				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					
Revegetation site is at the toe of the levee on the waterward side.					

Photo 1 of 2 : FA_2018_NA0005_251_21_20180917_00005.jpg

View of the revegetation site on the waterward side looking downstream.
Fall 2015.

LM Start	2.46	Rating **	A/W	Issue No.	21 (cont)
LM End	2.75	Issue Type +	Ob	Location *	WS

Photo 2 of 2 : FA_2018_NA0005_251_21_20180917_00006.jpg



This area is a revegetation site. Fall 2015.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	2.80	Rating **	M	Issue No.	75
LM End	2.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.553114 °	38.553114 °
				-121.512566 °	-121.512566 °
DWR ID	DWR_NA0005_01_f_2018_75				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree log and limbs along levee slope.					

No Photos

LM Start	2.89	Rating **	C	Issue No.	71
LM End	2.90	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.551764 °	38.551578 °
				-121.512395 °	-121.512336 °
DWR ID	DWR_NA0005_01_f_2018_71				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 56.6 L					
Status: Eroding					
2017 Field Notes: Upstream portion repaired by locals.					
Site History: 1997 - Erosion at pump station, concrete debris and plastic showing. 2000 - Separation scour of bank due to poor transition.					
2004 - New large tree pop out; city dumped fill dirt/rock into hole.					
2006 - Minor new erosion at top of bank. 2010 - Some new rock placed in tree pop-out. 2011 - A large tree has fallen and flood fighting was performed by the city on the upper levee slope. 2012 - Small rock placed in hole from tree popout.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	2.89	Rating **	M	Issue No.	150
LM End	2.89	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.551797°	38.551797°
				-121.511859°	-121.511859°
DWR ID	21578				
Comment Code					
Inspector Comment					
FS_ID:52603 DS_ID:21578 EP_NO: 2043 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Crossing is not abandoned. The City of Sacramento is currently working at trying to refurbish the Ranney Collector site. According to LMA, pipe is a 30-inch and not a 24-inch pipe. Pipe size and system description updated to reflect LMAs records. This pipe is linked to the USACE's PI issue USACE_CESPK_SACD_2013_a_0211. (DWR UCIP – O. Magana) 03/07/2013 This crossing has been abandoned. According to City of Sacramento Staff the last time this crossing was fired up to see if it was functioning was 3 years ago. Recommend owner coordinating with Central Valley Flood Protection Board (CVFPB) to abandon facility per Title 23. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [Ranney Collector] 30-inch discharge pipe through levee at an unknown depth below the levee crown. Collector system located on waterside (WS) slope. (construct one Ranney Water Collector authorized under Permit No. 2043, 1955 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/7/2013					

LM Start	2.89	Rating **	M	Issue No.	150 (cont)
LM End	2.89	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_52603_59534.jpg



Concrete vault located on landward shoulder.

Photo 2 of 3 : UCIP_FA_2018_52603_59532.jpg



Ranney collector facility operated by the City of Sacramento.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	2.89	Rating **	M	Issue No.	150 (cont)	
LM End	2.89	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.551797 °	38.551797 °	
				-121.511859 °	-121.511859 °	
DWR ID	21578					
Comment Code						
Inspector Comment						
FS_ID:52603 DS_ID:21578 EP_NO: 2043 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Crossing is not abandoned. The City of Sacramento is currently working at trying to refurbish the Ranney Collector site. According to LMA, pipe is a 30-inch and not a 24-inch pipe. Pipe size and system description updated to reflect LMAs records. This pipe is linked to the USACE's PI issue USACE_CESPK_SACD_2013_a_0211. (DWR UCIP – O. Magana) 03/07/2013 This crossing has been abandoned. According to City of Sacramento Staff the last time this crossing was fired up to see if it was functioning was 3 years ago. Recommend owner coordinating with Central Valley Flood Protection Board (CVFPB) to abandon facility per Title 23. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [Ranney Collector] 30-inch discharge pipe through levee at an unknown depth below the levee crown. Collector system located on waterside (WS) slope. (construct one Ranney Water Collector authorized under Permit No. 2043, 1955 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 1993] FS Date: 3/7/2013						

Photo 3 of 3 : UCIP_FA_2018_52603_59531.jpg



Close up view of vault located on landward levee shoulder.

LM Start	2.98	Rating **	C	Issue No.	77
LM End	2.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.550583 °	38.550583 °
				-121.511382 °	-121.511382 °
DWR ID	DWR_NA0005_01_s_2018_77				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree was removed from landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/21/2018 09/21/2018	Luz Dial

LM Start	3.17	Rating **	M	Issue No.	76
LM End	3.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.548027 °	38.548027 °
				-121.510305 °	-121.510305 °
DWR ID	DWR_NA0005_01_f_2018_76				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Caltrans needs to clear fallen tree debris.					

Photo 1 of 1 : FA_2018_NA0005_251_76_20180927_00115.jpg



Fallen tree debris near fence. Fall 2018

LM Start	3.51	Rating **	M	Issue No.	78
LM End	3.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.543211°	38.543211°
				-121.510168°	-121.510168°
DWR ID	DWR_NA0005_01_f_2018_78				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.55	Rating **	M	Issue No.	80
LM End	3.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.542698 °	38.542698 °
				-121.510532 °	-121.510532 °
DWR ID	DWR_NA0005_01_f_2018_80				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement